

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554

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In the Matter of
Filing and Review of Open
Network Architecture Plans

) CC Docket No. 88-2
) Phase I
)

MAR 31 2005

Federal Communications Commission
Office of Secretary

SIX-MONTH REPORT OF QWEST CORPORATION

I. INTRODUCTION

On December 19, 1991, the Federal Communications Commission ("Commission") released a Memorandum Opinion and Order in the above-captioned proceeding,¹ wherein it established certain ongoing reporting requirements in order "to enable the Commission to monitor the BOCs' [Bell Operating Companies] progress in providing ONA [Open Network Architecture] capabilities to ESPs [Enhanced Service Providers]."² In compliance with that Order,³ Qwest Corporation files the following with the Commission:

1. A Nationwide Tariff Matrix (Attachment 1).

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¹ In the Matter of Filing and Review of Open Network Architecture Plans, Memorandum Opinion and Order, 6 FCC Rcd. 7646 (1991) ("Monitoring Order" or "Order").

² Id. at 7675 ¶ 64.

³ See id. at 7663 ¶ 35 n.56, 7664 ¶ 38 n.63. See also id. at 7677-79, Appendix B, summarizing the filing requirements.

2. BOC ONA Special Report #5 Update (which contains updates of the Cross Reference Guide, Appendices A & B) (Attachment 2).
3. Hard copy portions of the ONA Services User Guide (Attachments 3 and 4).⁴
4. Diskettes of the ONA Services User Guide.⁵

The above-referenced items 1-3 are being filed only with the Commission.

The information contained in these submissions is available to interested persons by contacting Qwest InterConnect Services at 1-402-422-7689.

II. FILINGS REQUIRED BY SUMMARY ORDERING PARAGRAPH

At the conclusion of the Commission's Order, it provided a summary of future filing requirements for the BOCs.⁶ Qwest has chosen herein to utilize the Commission's basic "summary" as the outline by which we will make our responses. This methodology was chosen for the Commission's ease of reference in assessing Qwest's compliance.

⁴ Attachment 3 is the "Service Descriptions Section" of the ONA Services User Guide; Attachment 4 is the "Tariff Reference Section" of the same document.

⁵ These diskettes are being provided directly to the Policy Division of the Commission and include the following material from the ONA Services User Guide: Special Report No. 5 (one diskette) Service Descriptions Section (one diskette), Tariff Reference Section (one diskette), and Wire Center Deployment (two diskettes).

⁶ In response to the Commission's Further Notice of Proposed Rulemaking seeking comments on the elimination of some or all ONA reporting requirements, Qwest proposed that the semi-annual reports and the Annual Report be consolidated into a new Annual ONA Report. The new Annual ONA Report would encompass all of the existing requirements of the semi-annual reports and streamlined information contained in its current ONA Annual Report. In the Matter of Computer III Further Remand Proceedings: Bell Operating Company Provision of Enhanced Services, 1998 Biennial Regulatory Review -- Review of Computer III and ONA Safeguards and Requirements, CC Docket Nos. 95-20 and 98-10, Further Notice of Proposed Rulemaking, FCC 98-8, rel. Jan. 30, 1998 ¶¶ 101-2.

Requirement:

1. "Work through the IILC [Information Industry Liaison Committee] to develop one consolidated nationwide matrix of BOC ONA services and state and federal ONA tariffs, and file the matrix with the Commission."⁷

Response:

Qwest worked through the former IILC and with the other BOCs to develop a combined nationwide tariff reference matrix.⁸ This document is included herewith as Attachment 1.

The nationwide matrix includes the generic name of the ONA service, which operating company offers the service in a particular jurisdiction, and whether the service is a Basic Service Element ("BSE"), Basic Serving Arrangement ("BSA"), or Complementary Network Service ("CNS"). The matrix also provides the name of the ONA service, as it is identified in a particular state or federal tariff, and a specific tariff reference.

Each BOC has reviewed the matrix to ensure the accuracy of the information contained therein pertaining to itself. The matrix identifies Qwest's tariffs effective as of January 31, 2005, the effective date of the Tariff Reference Section of the ONA Services User Guide.⁹

⁷ Monitoring Order, 6 FCC Rcd. at 7678, Appendix B.

⁸ The nationwide matrix was assembled by Pamela Lackner Mitchell Engineering & Consulting at the request of the BOCs.

⁹ See note 4, supra. The Tariff Reference Section of the ONA Services User Guide is discussed more fully below and is provided as Attachment 4.

Requirement:

2. "File computer diskettes and print outs of data regarding state and federal tariffs."¹⁰

Response:

This information -- in printout form -- is contained in the Tariff Reference Section of the ONA Services User Guide, which is included herein as Attachment 4. The information as contained on computer diskettes is being provided to the Policy Division of the Commission (see Response to Requirement 3, below), and is not included herein as an attachment.

Requirement:

3. "File a printed copy and computer diskette of the ONA Services User Guide."¹¹

Response:

A printed copy of the January 31, 2005, ONA Services User Guide accompanies this filing as Attachment 3 (the "Services Description Section") and Attachment 4 (the "Tariff Reference Section").¹² The ONA Services User Guide as it appears on diskette (which includes wire center deployment information) is being provided to the Policy Division of the Commission coincident with this filing, as requested, and is not herein included as an attachment.

¹⁰ Monitoring Order, 6 FCC Rcd. at 7678, Appendix B.

¹¹ Id.

¹² See note 6, supra. The Tariff Reference Section of the ONA Services User Guide provides the information required by the Commission's Monitoring Order. See Monitoring Order, 6 FCC Rcd. at 7664 n.63.

Requirement:

4. "File updated information contained in Appendix A of the January 31, 1991 Cross Reference Guide on ESP requests received and how they were addressed by the BOCs with details and matrices."¹³

Requirement:

5. "File updated information contained in Appendix B of the January 31, 1991 Cross Reference Guide on BOC responses to the requests and matrix."¹⁴

Response:

Appendices A & B of the Cross Reference Guide, updated as of January 31, 2005, are identified as BOC ONA Special Report #5. A copy of this Special Report is provided as Attachment 2.

Requirement:

6. "File updated information contained in Appendix C of the January 31, 1991 Cross Reference Guide on services offered by the BOC in response to the requests."¹⁵

Response:

This updated information is contained in the ONA Services User Guide, "Service Descriptions Section," attached herein as Attachment 3.

¹³ Id. at 7678, Appendix B.

¹⁴ Id.

¹⁵ Id. at 7679, Appendix B.

III. CONCLUSION

As set forth herein, Qwest makes the appropriate filings as required by the Commission's Monitoring Order.

DATED: March 31, 2005

ATTACHMENT 1

ABBREVIATIONS

Generic Name of Service Abbreviated Name	Generic Name of Service Full Name
555 Access Service	555 Access Service
ADSL Service	ADSL Service
AIN Alternate Routing	Advanced Intelligent Network Alternate Routing
AIN Term Data Co/Cus Rt	AIN Terminating Data Collection/Customized Routing
ATM Cell Relay Service	ATM Cell Relay Service
Acc To Clr Ch Transmissn	Access To Clear Channel Transmission
Access To OSS Info	Access To Operations Support Systems Information
Access to Cust Prem Annc	Access To Customer Premises Announcement
Access to Ord'r Entry Sys	Access To Order Entry System
Alternate Routing	Alternate Routing
Answer Supv'n Line Side	Answer Supervision With A Line Side Interface
Asyn Tran Mode (ATM) Svc	Asynchronous Transfer Mode (ATM) Service
Auto Disaster Rec. DID	Automatic Disaster Recovery of DID
Automatic Callback	Automatic Callback
Automatic Protect Swtchg	Automatic Protection Switching
Automatic Recall	Automatic Recall
Bridging	Bridging
Bridging - Line	Bridging - Line
C1 TypA - Ckt Sw Line	Category 1, Type A - Circuit Switched Line BSA
C1 TypB - Ckt Sw Trunk	Category 1, Type B - Circuit Switched Trunk BSA
C2 TypA - X.25 Pkt Sw	Category 2, Type A - X.25 Packet Switched BSA
C2 TypB - X.75 Pkt Sw	Category 2, Type B - X.75 Packet Switched BSA
C3 TypA - Ded Metallic	Category 3, Type A - Dedicated Metallic BSA
C3 TypB - Ded Telegraph	Category 3, Type B - Dedicated Telegraph BSA
C3 TypC - Ded Voice Grd	Category 3, Type C - Dedicated Voice Grade BSA
C3 TypD - Ded Prgm Audio	Category 3, Type D - Dedicated Program Audio BSA
C3 TypE - Ded Video	Category 3, Type E - Dedicated Video BSA
C3 TypF - Ded < 64kbps	Category 3, Type F - Dedicated Digital (<64kbps)BSA
C3 TypG - Ded 1.544Mbps	Category 3, Type G - Dedicated High Capacity Digital (1.544 Mbps) BSA
C3 TypH - Ded >1.544Mbps	Category 3, Type H - Dedicated High Capacity Digital (>1.544 Mbps) BSA
C3 TypI - Ded Alrt Trnsp	Category 3, Type I - Dedicated Alert Transport BSA
C3 TypJ - Ded Derived Ch	Category 3, Type J - Dedicated Derived Channel BSA
C3 TypK - Ded 64 kbps	Category 3, Type K - Dedicated Digital (64 kbps) BSA
C4 - Ded Ntwk Accss Link	Category 4 - Dedicated Network Access Link BSA
CF Mult Sim Call Intersw	Call Forwarding - Multiple Simultaneous Calls Interswitch
CF Var Act w/o Crtsy Cal	Call Forwarding - Variable - Activation Without Courtesy Call
CF Var Remote Act/Cntrol	Call Forwarding - Variable-Remote Activation/Control
CF Variable	Call Forwarding - Variable
CF With Variable Rings	Call Forwarding With Variable Rings
CFBL Interswitch	Call Forwarding - Busy Line Interswitch
CFBL Intrswitch	Call Forwarding - Busy Line Intrswitch
CFBL/DA Cust Act/Deact	Call Forwarding - Busy Line or Don't Answer - Customer Control of Activation/Deactivation
CFBL/DA Cust Chg Fwd No.	Call Forwarding - Busy Line or Don't Answer - Customer Control of Forward-To Number
CFDA After CW	Call Forwarding Don't Answer After Call Waiting
CFDA Interswitch	Call Forwarding - Don't Answer Interswitch
CFDA Intrswitch	Call Forwarding - Don't Answer Intrswitch
CFDA To DID Intrswitch	Call Forwarding Don't Answer To DID Intrswitch
Call Denial - Line/Hunt	Call Denial On Line Or Hunt Group

ABBREVIATIONS

Generic Name of Service Abbreviated Name	Generic Name of Service Full Name
Call Det Rcdg-NXX Screen	Call Detail Recording Reports - via NXX Screening
Call Det Recd'g Rpts Pkt	Call Detail Recording Reports (Packet)
Call Detail Recrd'g Rpts	Call Detail Recording Reports
Call Forwarding Originating	Call Forwarding Originating
Call Queuing (NextConnects)	Call Queuing (NextConnects)
Remote CF On DID Lines	Remote Call Forwarding On DID Lines
Call Redirect Acceptance	Call Redirection Acceptance
Call Redirection Packet	Call Redirection - Packet
Call Transfer On DID	Call Transfer On DID
Call Waiting	Call Waiting
Call Waiting Cancel	Call Waiting - Cancel
Calling Name Delivery	Calling Name Delivery
Calling Name ID	Calling Name Identification
Clld DN Deliv via 900NXX	Called Directory Number Delivery via 900NXX
Clld DN Deliv via DID	Called Directory Number Delivery via DID
Clig Bllg Num Deliv FG B	Calling Billing Number Delivery - FG B Protocol
Clig Bllg Num Deliv FG D	Calling Billing Number Delivery - FG D Protocol
Clig DN Deliv via BCLID	Calling Directory Number Delivery - via BCLID
Clig DN Deliv via ICLID	Calling Directory Number Delivery - via ICLID
Closed User Groups Pkt	Closed User Groups - Packet
Coin Ph-Post Dial DTMF	Coin Phone With Post Dialing Tone Capability
Computr Assist Call Xfer	Computer Assisted Call Transfer Acceptance
Computr Assist Dialing	Computer Assisted Dialing Acceptance
Conditioning	Conditioning
Coord Voice and Data	Coordinated Voice and Data Acceptance
Cust Originated Trace	Customer Originated Trace
Cut Off On Disconnect	Cut Off On Disconnect
Cxr Select On Rvrs Chrg	Carrier Selection On Reverse Charge
DID Load Across WC	DID Load Across Wire Centers
DID Trunk Queuing	DID Trunk Queuing
DNAL Alarm Service	Ameritech - DNAL - Type F - Alarm Service
DNAL Amtch Reconfig Svcs	Ameritech - DNAL - Type E - Ameritech Reconfiguration Service
DNAL Amtch Sw-Cmputr Apl	Ameritech - DNAL - Type G - Ameritech Switch to Computer Applications (ASCAI)
DNAL Ckt Sw Fac Cntrl	Ameritech - DNAL - Type B - Circuit Switch Facility Control
DNAL SMDI	Ameritech - DNAL - Type C - Simplified Message Desk Interface (SMDI)
DNAL SMDI-E	Ameritech - DNAL - Type D - Simplified Message Desk Interface-Expanded (SMDI-E)
DNAL STP Access	Ameritech - DNAL - Type A - Signal Transfer Point Access (STP)
DS0-B Subrate Multiplx	DS0-B Subrate Multiplexing Service
Data Over Voice (DOV)	Data Over Voice (DOV) Service
Default Window Size-Pkt	Default Window Size - Packet
Derived Ch (Monitoring)	Derived Channels (Monitoring)
Dial Call Waiting	Dial Call Waiting
Dialed Num ID/INWATS-DID	Dialed Number Identification via INWATS to DID
Dir Call Pickup w/Barge	Directed Call Pickup With Barge-In
Dir Call Pickup w/oBarge	Directed Call Pickup Without Barge-In
Direct Call Packet	Direct Call - Packet
Direct Current (MT3)	Direct Current (MT3)

ABBREVIATIONS

Generic Name of Service Abbreviated Name	Generic Name of Service Full Name
Dist Ring Term Screen	Distinctive Ringing - Terminating Screening
Distinctive Alert	Distinctive Alert
Distinctive Ringing	Distinctive Ringing
DSL Discrete Multitone	DSL Discrete Multitone Deluxe Light Service
Easy Access	Easy Access
Extended Superframe Cond	Extended Superframe Conditioning
Fast Select Accept Pkt	Fast Select Acceptance - Packet
Fast Select Request Pkt	Fast Select Request - Packet
Faster Signaling On DID	Faster Signaling On DID
Flexible ANI	Flexible ANI Information Digits
Flow Contr Param Neg-Pkt	Flow Control Parameter Negotiation - Packet
Frame Relay Service	Frame Relay Service
High Cap Dig Handoff Svc	High Capacity Digital Hand-Off Service
Hot Line	Hot Line
Hunt Groups Packet	Hunt Groups - Packet
Inband Signaling	Inband Signaling
Incoming Cls Barred-Pkt	Incoming Calls Barred - Packet
Initial Address Message	Initial Address Message
Logical Chan Layout-Pkt	Logical Channel Layout - Packet
Logical Channels-Pkt	Logical Channels - Packet
MLHG Access to Each Port	Multiline Hunt Group - Individual Access To Each Port In Hunt Group
MLHG CO Announcements	Multiline Hunt Group - C.O. Announcements
MLHG Overflow	Multiline Hunt Group - Overflow
MLHG UCD Line Hunting	Multiline Hunt Group - Uniform Call Distribution Line Hunting
MLHG UCD With Queuing	Multiline Hunt Group - UCD With Queuing
MWI - Packet Access	Message Waiting Indicator - Packet Access
MWI ATR Audible Msg Wtg	Message Waiting Indicator (MWI) - Ability To Receive Audible Message Waiting
MWI ATR Visual Msg Wtg	Message Waiting Indicator (MWI) - Ability To Receive Visual Message Waiting
MWI Act (Audible) Expand	Message Waiting Indicator Activation(Audible) - Expanded
MWI Act (Visual) Expand	Message Waiting Indicator Activation(Visual) - Expanded
MWI Activation (Audible)	Message Waiting Indicator - Activation (Audible)
MWI Activation (Visual)	Message Waiting Indicator - Activation (Visual)
MWI Audible/Visual	Message Waiting Indicator - Audible/Visual
Make Busy Key	Make Busy Key
McCulloh Loop (LS2)	McCulloh Loop (LS2)
IDSL Service	Qwest ISDN Digital Subscriber Line Service
DSL Service	Qwest Digital Subscriber Line Service
Menu Acs Trans - Gateway	Menu Access Translator - Gateway
Message Desk (SMDI)	Message Desk (SMDI)
Modem Aggregation Svc	Modem Aggregation Service
Monthly Call Detail Rec	Monthly Call Detail Recording
Mplx-T1-1.544Mbps-Line	Multiplexing - T1 Transport - 1.544 Mbps-Line Side
Mplx-T1-1.544Mbps-Trunk	Multiplexing - T1 Transport - 1.544 Mbps-Trunk Side
Mssg Desk Expand (SMDIE)	Message Desk (SMDI) - Expanded
Mult Ntwk Addr/Port-Pkt	Multiple Network Address/Port - Packet
Multiline Hunt Group	Multiline Hunt Group
Multiplexing-Digital	Multiplexing - Digital
Name of Calling Party	Delivery of Calling Party Name

ABBREVIATIONS

Generic Name of Service Abbreviated Name	Generic Name of Service Full Name
Network Reconfiguration	Network Reconfiguration
Number Forwarding	Number Forwarding
Order Entry Service	Order Entry Service
Outgoing Cls Barred-Pkt	Outgoing Calls Barred - Packet
Perm Virtual Ckt-Pkt	Permanent Virtual Circuit - Packet
Preselect for Data Svcs	Preselection for Data Services
Privacy +	Privacy + (Plus)
Priority Service Install	Priority Installation Service
Redirecting Name Deliv	Redirecting Name Delivery
Redirecting Num Deliv	Redirecting Number Delivery
Remote Access Service	Remote Access Service
Remote Call Forwarding	Remote Call Forwarding
Rev Bllg On Ckt Acc	Reverse Billing On Circuit Switched Access
Rev Chg Req Optn-Pkt	Reverse Charge Request Option (Packet)
Reverse Chg Accept Pkt	Reverse Change Acceptance - Packet
Route Diversity	Route Diversity
Secondary Ch Capability	Secondary Channel Capability
Security Screen	Security Screen
Selective Call Forward'g	Selective Call Forwarding
Selective Call Rejection	Selective Call Rejection
Selective Call Waiting	Selective Call Waiting
Shared Speed Calling	Shared Speed Calling
Single Num Acc-Mult Locn	Single Number Access for Multiple Locations
Speed Calling	Speed Calling
Statistical Multiplexer	Statistical Multiplexer
Surrogate Client Number	Surrogate Client Number
Svc Code Denial Ln/Hunt	Service Code Denial On Line Or Hunt Group
Switched 56 Kilobit Svc	Switched 56 Kilobit Service
Tandem Routing	Tandem Routing
Third Numb Bill Inhibitd	Third Number Billing Inhibited
Three Way Call Transfer	Three Way Call Transfer
Three Way Calling	Three Way Calling
Traffic Data Reports	Traffic Data Reports
Trans Imprv-Ckt Sw Svcs	Transmission Improvement for Circuit Switched Services
Trunk Side Access Facil	Trunk Side Access Facility
Unif 7D Acc Num Overlay	Uniform 7 Digit Access Number via Overlay Networking
Unif 7D Acc Num RCF	Uniform 7 Digit Access Number - Remote Call Forwarding
User Initd Diagnostics	User Initiated Diagnostics
Ver Intgrty Subscr Lines	Verify Integrity of Subscriber Lines
Video DT Messaging Port	Video Dialtone Messaging Port
Video Dialtone Access Lk	Video Dialtone Access Link
Video Dialtone Bdcst Svc	Video Dialtone Broadcast Service
Video Dialtone Narrowcas	Video Dialtone Narrowcast Service
Versanet	Versanet
Warm Line	Warm Line
Wireless Extension	Wireless Extension

3/31/05

ATTACHMENT 2

BELL OPERATING COMPANIES

ONA Special Report #5 Update

Appendix A & Appendix B

MARCH 31, 2005

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1. Appendix A: Relationship Between ESP Requests for Network Capabilities and ONA Services

The FCC, in its December 22, 1989 Memorandum, Opinion and Order, recognized the 118 requests for network capabilities included in BOC Special Report Number 1 as the nationally received requests. Not all of these requests are for particular services. For example, some are for attributes that a service should contain; some are for a service to operate in a particular manner. As a result, some ONA services offered meet a number of network capability requests, while some requests are met by a number of ONA services. There is not a one-for-one relationship between network capability requests and ONA services. In addition, some ONA services may be offered by some regional companies as both a BSE and a CNS, depending on the line that the service is applied to.

The following appendix shows the relationship between each of the requested network capabilities, other requested network capabilities and ONA services. The ONA services listed use the Uniform Names developed by the regional companies and contributed to the IILC Issue 006 ONA Services User Guide Task Group.

Following this Appendix A is a summary table (Appendix B) arranged to be similar to Appendix E of the FCC's December 22, 1988 Memorandum Opinion and Order.

Please note – recently, various BOCs have completed, or are in the process of completing, corporate mergers. For Appendix A and Appendix B of BOC ONA Special Report #5, the old company names will continue to be used (for example, Bell Atlantic and NYNEX are listed separately, rather than being combined under the Verizon name; Southwestern Bell and Pacific Bell and Ameritech are listed separately).

1. Call Forwarding Busy Line/Don't Answer

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Call Forwarding - Busy Line Intraswitch
- Call Forwarding - Busy Line Interswitch
- Call Forwarding - Don't Answer Intraswitch
- Call Forwarding - Don't Answer Interswitch

2. Activation Of Call Forwarding Variable Without Call Completion

This is a request for an attribute of service. It is being met by some regional companies by offering the following ONA service:

- Call Forwarding - Variable - Activation Without Courtesy Call

3. Call Forward Don't Answer Interoffice

This request relates to request number 1. It is being met by offering the following ONA service:

- Call Forwarding - Don't Answer Interswitch

4. Multiple Calls Forwarded To DID Interoffice

This is a request for a particular application of a service. It is being met by some regional companies by offering the following service:

- Call Forwarding - Multiple Simultaneous Calls Interswitch

5. Call Forwarding With Status Information To Answering Bureau

This request is for a particular application of a service. It is being met by some regional companies by offering the following service:

- Message Desk (SMDI)
- Message Desk (SMDI) - Expanded

6. Activation of Call Forwarding Variable With Call Completion

This request is for a service. It is being met by offering the following service:

- Call Forwarding - Variable

7. Call Forwarding With Call Screening.

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Selective Call Forwarding

8. Call Forwarding With Call Waiting

This is a request for two services to interact in a particular manner. It is met by some regional companies by offering the following ONA service:

- Call Forwarding Don't Answer After Call Waiting (CFDA After CW)

9. Call Forwarding With Called and Calling Number

This is a request for a particular application of a service. It is related to request number 5. It is being met by some regional companies by offering the following ONA services:

- Calling Directory Number Delivery - via BCLID
- Message Desk (SMDI)
- Message Desk (SMDI) - Expanded

10. Call Forward Don't Answer With Variable Ring Counts

This is a request for a service to operate in a particular manner. It is related to request number 1. It is being met by offering the following ONA services:

- Call Forwarding - Don't Answer Interswitch
- Call Forwarding - Don't Answer Intraswitch
- Call Forwarding With Variable Rings

11. Customer Control of CFBL/CFDA

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Call Forwarding - Busy Line or Don't Answer - Customer Control of Activation/Deactivation
- Call Forwarding - Busy Line or Don't Answer - Customer Control of Forward-To Number

12. Monitor & Barge In

This is a request for a service that requires development.

13. SMDI

This is a request for a particular interface. It is related to requests number 5 and 9. It is being met by some regional companies by offering the following ONA service:

- Message Desk (SMDI)
- Message Desk (SMDI) - Expanded

14. SMDI With Automatic Ringback

This is a request for a service to operate in a particular manner. Based on the findings in IILC Issue #030 (Message Waiting Indication: Ringback After Busy Transfer), it is being met by some regional companies by offering the following combination of services:

- Distinctive Ringing - Terminating Screening (client needs to have a second telephone number)
- Call Forwarding - Variable (or Call Forwarding Busy Line/Don't Answer)

15. 3-Way Call Transfer

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Three Way Call Transfer

16. Speed Calling

This is a request for a service. It is being met by offering the following ONA service:

- Speed Calling

17. Remote Activation of Custom Calling Services

This is a general request for a number of services to operate in a particular manner. A specific application of this operation relates to request number 11. It is being met by some regional companies by offering the following ONA services:

- Call Forwarding - Variable - Remote Activation/Control

18. ESP Notification Of ESP's Client Or BOC Control Action

This is a request for a service to operate in a particular manner. This operation requires development.

19. Call Distribution Functions Including Queue

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Multiline Hunt Group
- Multiline Hunt Group - C. O. Announcements
- Multiline Hunt Group - Uniform Call Distribution Line Hunting
- Multiline Hunt Group - UCD With Queuing
- DID Trunk Queuing

20. Derived Local Channels

This is a request for service to be delivered using a particular technology. It is being met by some regional companies by offering the following ONA services:

- Data Over Voice (DOV) Service
- Verify Integrity of Subscriber Lines
- Derived Channels (Monitoring)
- Category 3, Type J - Dedicated Derived Channel BSA

21. Screening

This is a general request for a network capability. Specific applications of this capability relate to request number 7. It is being met by some regional companies by offering the following ONA services:

- Selective Call Forwarding
- Selective Call Rejection

22. Calling Directory Number Delivery

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Calling Directory Number Delivery - via BCLID
- Calling Directory Number Delivery - via ICLID
- Message Desk (SMDI)
- Message Desk (SMDI) - Expanded

23. Delivery of Dialed Number

This is a request for a service. It is being met or partially met by some regional companies by offering the following ONA services:

- Called Directory Number Delivery via DID
- Called Directory Number Delivery via 900NXX

24. Uniform Abbreviated Dialing

This is a request for a service. It is being met or partially met by some regional companies by offering the following service:

- Shared Speed Calling

25. Multiline Hunt Groups

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Multiline Hunt Group
- Multiline Hunt Group - Individual Access To Each Port In Hunt Group
- Multiline Hunt Group - Uniform Call Distribution Line Hunting
- Multiline Hunt Group - UCD With Queuing

26. Unlimited Size Hunt Groups

This is a request for an attribute of a service. It is related to request number 25. It is being met by some regional companies by offering the following ONA services:

- Multiline Hunt Group
- Multiline Hunt Group - Overflow
- Multiline Hunt Group - Uniform Call Distribution Line Hunting
- Multiline Hunt Group - UCD With Queuing

27. Individual Access To Each Port In A Hunt Group

This is a request for service. It is related to request numbers 25 and 26. It is being met by offering the following ONA service:

- Multiline Hunt Group - Individual Access To Each Port In Hunt Group

28. CLASS Features Interoffice

This is a general request for a group of services to operate in a particular manner. It is being met by some regional companies by offering the following ONA services:

- Automatic Callback
- Automatic Recall
- Customer Originated Trace
- Distinctive Ringing
- Selective Call Forwarding
- Selective Call Rejection
- Calling Directory Number Delivery - via ICLID
- Calling Directory Number Delivery - via BCLID

29. Suppressed Ringing

This is a request for a service. This service requires development.

30. Trunk Side Access

This is a request for a service. It is being met by offering the following ONA service:

- Category 1, Type B - Circuit Switched Trunk BSA

It is also being met by some regional companies by offering the following service:

- Trunk Side Access BSA

31. Trunk Side Connection With Power Ringing

This is a request for a service. This service requires development.

32. Access to Extended Superframe Data Channel

This is a request for a particular application of a service. It is being met by some regional companies by offering the following ONA services:

- Category 3, Type G - Dedicated High Capacity Digital (1.544 Mbps) BSA
- Extended Superframe Conditioning

33. Trunk Group Make Busy

This is a request for a service. It is being met by offering the following ONA service:

- Make Busy Key

34. Message Waiting Indication

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Message Waiting Indicator - Activation (Audible)
- Message Waiting Indicator - Activation (Audible) - Expanded
- Message Waiting Indicator - Activation (Visual)
- Message Waiting Indicator - Activation (Visual) - Expanded
- Message Waiting Indicator - Packet Access
- Message Waiting Indicator (MWI) - Ability To Receive Audible Message Waiting
- Message Waiting Indicator (MWI) - Ability To Receive Visual Message Waiting

35. Answer Supervision (Connect/Disconnect Indications) - Line Side

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Answer Supervision With A Line Side Interface
- Cut Off On Disconnect

36. Night Transfer

This is a request for a particular application of a service. It is related to request number 33. It is being met by offering the following ONA service:

- Make Busy Key

37. Faster Signaling On DID

This is a request for a particular type of signaling on a service. It is related to request number 23. It is being met by some regional companies by offering the following ONA services:

- Called Directory Number Delivery via DID
- Category 1, Type B - Circuit Switched Trunk BSA
- Faster Signaling On DID

38. Post Dialing DTMF Signaling From Paystations

This is a request for a service to operate in a particular manner. Existing coin lines operate in the manner requested. It is being met by some regional companies by offering the following service:

- Coin Phone With Post Dialing Tone Capability

39. Selected Number Reverse Billing Rate Period Specific

This is a request for a service. It is being met or partially met by some regional companies by offering the following ONA services:

- Reverse Billing On Circuit Switched Access
- Reverse Charge Acceptance - Packet
- Uniform 7 Digit Access Number - Remote Call Forwarding
- Coin Phone With Post Dialing Tone Capability

40. Single Number Access For Multiple Locations

This is a request for a service. It is being met or partially met by some regional companies by offering the following ONA services:

- Uniform 7 Digit Access Number - Remote Call Forwarding
- Uniform 7 Digit Access Number via Overlay Networking
- Category 1, Type A - Circuit Switched Line BSA
- Category 1, Type B - Circuit Switched Trunk BSA
- Single Number Access for Multiple Locations

41. Ability To Notify Or Interrupt A Customer

This request is for a particular application of services. It is related to request number 34. It is being met by some regional companies by offering the following ONA services:

- Message Waiting Indicator - Activation (Audible)
- Message Waiting Indicator - Activation (Audible) - Expanded
- Message Waiting Indicator - Activation (Visual)
- Message Waiting Indicator - Activation (Visual) - Expanded
- Message Waiting Indicator - Packet Access
- Message Waiting Indicator (MWI) - Ability To Receive Audible Message Waiting
- Message Waiting Indicator (MWI) - Ability To Receive Visual Message Waiting
- Distinctive Ringing

42. Ability To Return Held Call To Customer

This is a request for a service that requires development.

43. Interconnection For Specialized Terminal Equipment

This is a general request that cannot be met by a particular service. It is being met by some regional companies by the various basic serving arrangements (BSAs). If there are particular applications that are not compatible with the BSAs, they must be specifically identified.

44. Provision For Sharing An ESP Client Among ESPs

This is a request for a particular application of a service. The requested service requires development.

45. Custom Service Areas

This is a request for a particular application of a service. It is related to request number 30. It is being met or partially met by some regional companies by offering an alternative of the following ONA service:

- Category 1, Type A - Circuit Switched Line BSA.
- Category 1, Type B - Circuit Switched Trunk BSA.

It is also being met or partially met by some regional companies by offering the following ONA service:

- Tandem Routing

46. Statistical Multiplexer at Central Office

This is a request for a particular equipment configuration to support a service. It is being met or partially met by some regional companies by offering the following ONA services:

- Category 2, Type A - X.25 Packet Switched BSA
- Category 2, Type B - X.75 Packet Switched BSA
- Statistical Multiplexer

47. X.25 Interface To Packet Switch

This is a request for a service. It is being met by offering the following ONA service:

- Category 2, Type A - X.25 Packet Switched BSA

48. X.75 Interface To Packet Switch

This is a request for a service. It is being met by offering the following ONA service:

- Category 2, Type B - X.75 Packet Switched BSA

49. Access To Data Services

This is a request for a particular application of a service. It is being met or partially met by some regional companies by offering the following ONA services:

- Hot Line
- Warm Line
- Preselection for Data Services

50. B-Channel Switched and Dedicated Access

This is a request for a service that requires development.

51. D-Channel Data Delivered on B-Channel

This is a request for a service that requires development.

52. Multiple D-Channels on B-Channel

This is a request for a service that requires development.

53. ESP Access to D-Channel Signaling

This is a request for a service that requires development.

54. Feature Node Service Interface (FN/SI)

This is a request for a particular interface that requires development.

55. Service Control Point (SCP) Databases

This is a request for a service that requires development.

56. Term Sets and Inband Signaling on Analog Channels

This is a request for a particular interface. It is being met or partially met by some regional companies by offering the following ONA service:

- Category 3, Type C - Dedicated Voice Grade BSA

57. Access to Future Intelligent Functions of ISDN

This is a general request for access to services that may be developed in the future.

58. Compatibility to Existing Terminals

This is a general request that cannot be met by a particular service. It is being met by some regional companies by the various basic serving arrangements (BSAs). If there are particular applications that are not compatible with the BSAs, they must be specifically identified.

59. Mapping ANI to User ID (X.75)

This is a request for a service that requires development.

60. Calls Accepted With BOC's DNIC or ESP's DNIC

This is a request for an attribute of a service. It is being met or partially met by some regional companies by offering the following ONA service:

- Category 2, Type A - X.25 Packet Switched BSA
- Category 2, Type B - X.75 Packet Switched BSA

61. Equal Access to Exchange Network Switching and Transmission

This is a general request that cannot be met with a particular service. It is being met by various BSAs.

If there are particular applications that are not being met by the services offered by the BSAs, they must be specifically identified.

62. Peak Traffic Handling Within Exchange Network

This is a request for a network management capability that requires development.

63. ESP Defined Dynamic Routing

This is a request for a particular application of a service. It is related to requests number 25 and 33. It is being met or partially met by some regional companies by offering the following ONA services:

- Alternate Routing
- Multiline Hunt Group
- Make Busy Key
- Network Reconfiguration

64. Common Channel Signaling Access

This is a request for a particular type of signaling interface associated with various services. It is being met or partially met by some regional companies by offering the following ONA service:

- Category 1, Type B - Circuit Switched Trunk BSA
- Category 4 - Dedicated Network Access Link BSA

65. Dynamic Allocation of Transmission Capacity

This is a request for a service. It is being met or partially met by some regional companies by offering the following ONA service:

- Network Reconfiguration

66. Provision of BOC network status information.

This is a request for a service that requires development.

67. Real Time Access To Exchange Network Testing Facilities

This is a request for a network management capability. It is being met or partially met by some regional companies by offering the following ONA service:

- Access To Operations Support Systems Information

68. Derived Channels That Comply With UL and NFPA

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Verify Integrity of Subscriber Lines
- Derived Channels (Monitoring)
- Category 3, Type I - Dedicated Alert Transport BSA

69. One Way Alarm Transmission

This is a request for a service. It is being met or partially met by some regional companies by offering the following ONA services:

- Category 3, Type I - Dedicated Alert Transport BSA
- Derived Channels (Monitoring)
- Category 1, Type A - Circuit Switched Line BSA
- Category 1, Type B - Circuit Switched Trunk BSA

70. Derived Channels Compatible with ISDN

This is a request for two services to interact in a compatible manner. This interaction requires development.

71. Digital Private Lines (DDS)

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Category 3, Type F - Dedicated Digital (< 64 kbps) BSA
- Category 3, Type G - Dedicated High Capacity Digital (1.544 Mbps) BSA
- Multiplexing - Digital

72. Diagnostic Channel on DS0 and Subrate Lines

This is a request for a service. It is being met by offering the following service:

- Secondary Channel Capability

73. Error Detection / Error Correction

This is a request for an attribute of a service. It is related to requests 47 and 48. It is being met or partially met by some regional companies by offering the following services:

- Category 2, Type A - X.25 Packet Switched BSA
- Category 2, Type B - X.75 Packet Switched BSA

74. Ability to Detect Breaks in Telco Line Within 60 Seconds

This is a request for a particular application of a service. It is related to request number 68. It is being met or partially met by some regional companies by offering the following ONA services:

- Verify Integrity of Subscriber Lines
- Derived Channels (Monitoring)
- Category 3, Type I - Dedicated Alert Transport BSA

75. Broadband Link(s) for Video Transmission

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Category 3, Type E - Dedicated Video BSA
- Category 3, Type H - Dedicated High Capacity Digital (>1.544 Mbps) BSA

76. Ability To Reconfigure Networks

This is a request for a service. It is being met by offering the following ONA service:

- Network Reconfiguration

77. Route Diversity

This is a request for an attribute of a service. It is being met or partially met by some regional companies by offering the following ONA services:

- Category 1 - Circuit Switched BSA
- Category 3 - Dedicated Basic Serving Arrangement
- Category 4 - Dedicated Network Access Link BSA
- Automatic Protection Switching
- Network Reconfiguration
- Route Diversity

78. Automatic Protection Switching

This is a request for a service. It is being met by offering the following ONA service:

- Automatic Protection Switching

79. Private Line Conditioning

This is a request for a service. It is being met by offering the following ONA service:

- Conditioning

80. Multiple Monitors per Loop

This is a request for a particular application of a service. It is being met or partially met by some regional companies by offering the following services:

- Category 3, Type I - Dedicated Alert Transport BSA
- Derived Channels (Monitoring)

81. Clear Access To Data Portion of Derived Channels

This is a request for an attribute of a service. It is being met by some regional companies by offering the following services:

- Category 3, Type J - Dedicated Derived Channel BSA
- Category 1, Type A - Circuit Switched Line BSA (Data up to 19.2 kbps Alternative)

82. Distinctive Ringing

This is a request for a service. It is being met by some regional companies by offering the following services:

- Distinctive Ringing
- Distinctive Ringing - Terminating Screening

83. 4-Wire Interconnection/Switching

This is a request for a particular type of interface. It is being met by or partially met by some regional companies by offering the following ONA services:

- Category 1, Type A - Circuit Switched Line BSA
- Category 1, Type B - Circuit Switched Trunk BSA

84. Access to Clear Channel Transmission

This is a request for an attribute of a service. It is being met by some regional companies by offering the following ONA services:

- Category 3, Type G - Dedicated High Capacity Digital (1.544 Mbps) BSA
- Access To Clear Channel Transmission
- Category 3, Type K - Dedicated Digital (64 kbps) BSA

85. User Initiated Diagnostics

This is a general request for a group of services. These services need to be better defined and then developed. However, this is being met or partially met by some regional companies by offering the following service:

- Access To Operations Support Systems Information

86. Pass Through Diagnostics To User

This is a general request for service. It is being met or partially met by some regional companies by offering the following service:

- Access To Operations Support Systems Information

87. Inband Signaling

This is a request for a particular type of signaling interface. It is related to request number 56. It is being met or partially met by some regional companies by offering the following ONA service:

- Category 3, Type C - Dedicated Voice Grade BSA

88. Bridging

This is a request for a service. It is being met by offering the following ONA service:

- Bridging

89. Monthly Detailed Recording

This is a request for a service. It is being met or partially met by some regional companies by offering the following services:

- Call Detail Recording Reports
- Call Detail Recording Reports (Packet)

90. Automatic Disablement Of Call Waiting Tone During Dial-Up Data Call

This is a request for a service. It is being met or partially met by offering the following ONA service:

- Call Waiting - Cancel

91. Enable / Disable Network DTMF Signaling

This is a request for a service that requires development.

92. Passive In-Band DTMF Tone Transmission

This is a request for a service that requires development.

93. Extend DTMF Tone Set

This is a request for a service that requires development.

94. Tone to Digital Translation

This is a request for a service to operate in a particular manner. This requires development.

95. Multiple Call Forwarding

This is a request for a service to operate in a particular manner. It is related to requests number 1 and 4. It is being met by some regional companies by offering the following ONA services:

- Call Forwarding - Multiple Simultaneous Calls Interswitch

96. Virtual Dial Tone

This is a request for a particular attribute of a service. It is related to requests number 47 and 48. It is being met by some regional companies by offering the following services:

- Category 2, Type A - X.25 Packet Switched BSA
- Category 2, Type B - X.75 Packet Switched BSA

97. Remote Access to User Programmable Functions (Packet)

This is a request for a service that requires development.

98. Remote Speed Call Menu Builder (Packet)

This is a request for a service that requires development.

99. Speed Call Menu Builder (Packet)

This is a request for a service that requires development.

100. Remote Speed Call Menu Access Translator (Packet)

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Menu Access Translator - Gateway

101. Carrier Selection On Reverse Charge

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Carrier Selection on Reverse Charge

It is also being met or partially met by some regional companies by offering an alternative of the following ONA services:

- Category 1, Type A - Circuit Switched Line BSA
- Category 1, Type B - Circuit Switched Trunk BSA (800 dialing plan alternative)

102. Network Control By Customer From Customer Premises

This is a request for service that requires development.

103. Real Time Traffic Usage Data

This is a general request for a service. It is being met or partially met by some regional companies by offering the following service:

- Access To Operations Support Systems Information

104. Central Office Announcements

This is a request for an attribute of a service. It may be related to request number 25. It is being met or partially met by some regional companies by offering the following ONA services:

- Multiline Hunt Group
- Multiline Hunt Group - C. O. Announcements
- Multiline Hunt Group - Uniform Call Distribution Line Hunting
- Multiline Hunt Group - UCD with Queuing

105. Name & Address of the Calling Party

This is a general request for a service. It is being met or partially met by some regional companies by offering the following service:

- Name of Calling Party

106. Suppression of Audible Click on Call Forwarding (Interoffice)

This is a request for an attribute of a service that requires development.

107. Billing Number Delivery

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Calling Billing Number Delivery - FG B Protocol
- Calling Billing Number Delivery - FG D Protocol

108. Privacy (Classes Of Non-Published Service)

This is a request for a service that requires development.

109. Delivery Of Traveling Class Mark

This is a request for an attribute of a service. It is related to request number 107. It is being met or partially met by some regional companies by offering the following ONA services:

- Calling Billing Number Delivery - FG D Protocol
- Flexible ANI Information Digits

110. User ID Associated With Calling Number And/Or Service ID Code

This is a request for a service that requires development.

111. Warm Line

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Warm Line

112. Closed User Group (Packet)

This is a request for a service. It is being met by offering the following ONA service:

- Closed User Groups - Packet

113. Fast Select (Packet)

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Fast Select Acceptance - Packet
- Fast Select Request - Packet

114. Hunt Group (Packet)

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Hunt Groups - Packet

115. Call Redirection (Packet)

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Call Redirection - Packet

116. Direct Call (Packet)

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Direct Call - Packet

117. Programmed Default Call Forwarding

This is a request for a service that requires development.

118. Restriction of Outgoing Calls (Packet)

This is a request for a service that requires development.

Appendix B: Individual Regional Company Responses to the 118 ESP Requests

ESP REQUEST FOR NETWORK CAPABILITY	AM	BA	BS	NX	PB	SW	Qwest
1. Call Forwarding Busy Line/Don't Answer	CNS	CNS	CNS	CNS	CNS	CNS	CNS
2. Activation Of CF Variable Without Call Completion	CNS	CNS	CNS	CNS	CNS		CNS
3. Call Forward Don't Answer Interoffice	CNS	CNS	CNS	CNS	CNS	CNS	CNS
4. Multiple Calls Forwarded To DID Interoffice	CNS	CNS	CNS	CNS	CNS	CNS	CNS
5. Call Forwarding With Status Information To Answering Bureau	BSE	BSE	BSE	BSE	BSE		BSE
6. Activation of Call Forwarding Variable With Call Completion	CNS	CNS	CNS	CNS	CNS	CNS	CNS
7. Call Forwarding With Call Screening		CNS	CNS		CNS/ BSE	CNS	CNS
8. Call Forwarding With Call Waiting			CNS	CNS	CNS		CNS
9. Call Forwarding With Called and Calling Number	BSE	BSE	BSE	BSE	BSE		BSE
10. Call Forward Don't Answer With Variable Ring Counts	CNS	CNS	CNS	CNS	CNS	CNS	CNS
11. Customer Control of CFBL/CFDA	CNS		CNS	CNS	CNS		CNS
12. Monitor & Barge In							
13. SMDI	BSE	BSE	BSE	BSE	BSE		BSE
14. SMDI With Automatic Ringback							CNS
15. 3-Way Call Transfer	BSE	BSE	BSE/ CNS	BSE	BSE		BSE
16. Speed Calling	CNS	CNS	CNS	CNS	CNS	CNS	CNS
17. Remote Activation of Custom Calling Services	CNS	CNS	CNS	CNS	CNS	CNS	CNS
18. ESP Notification Of ESP's Client Or BOC Control Action							
19. Call Distribution Functions Including Queue	BSE	BSE	BSE	BSE	BSE	BSE	BSE
20. Derived Local Channels	CNS/ BSE	CNS/ BSA	CNS	BSA	CNS/ BSE	CNS/ BSA	BSA
21. Screening	CNS	CNS	CNS		CNS/ BSE	CNS	CNS
22. Calling Directory Number Delivery	BSE	BSE	BSE/ CNS	BSE/ CNS	BSE	CNS	BSE
23. Delivery of Dialed Number	BSE	BSE	BSE/ CNS	BSE/ CNS	BSE	BSA	BSE
24. Uniform Abbreviated Dialing		CNS			CNS		CNS
25. Multiline Hunt Groups	BSE	BSE	BSE/ CNS	BSE	BSE	BSE	BSE
26. Unlimited Size Hunt Groups	BSE	BSE	BSE/ CNS	BSE	BSE	BSE	BSE
27. Individual Access To Each Port In A Hunt Group	BSE	BSE	BSE/ CNS	BSE	BSE	BSE	BSE

ESP REQUEST FOR NETWORK CAPABILITY	AM	BA	BS	NX	PB	SW	Qwest
28. CLASS Features Interoffice	CNS	CNS	CNS/ BSE	CNS	CNS/ BSE	CNS	CNS/ BSE
29. Suppressed Ringing							
30. Trunk Side Access	BSA	BSA	BSA	BSA	BSA	BSA	BSA
31. Trunk Side Connection With Power Ringing							
32. Access to Extended Superframe Data Channel	BSE	BSA	BSA	BSA	BSA	BSE	BSA
33. Trunk Group Make Busy	BSE	BSE	BSE/ CNS	BSE	BSE	BSE	BSE
34. Message Waiting Indication	BSE/ CNS	BSE/ CNS	BSE/ CNS	BSE/ CNS	BSE/ CNS	BSE/ CNS	BSE/ CNS
35. Answer Supervision (Connect/Disconnect Indications) - Line	BSE	BSE	BSE		BSE		BSE
36. Night Transfer	BSE	BSE	BSE/ CNS	BSE/ CNS	BSE	BSE	BSE
37. Faster Signaling On DID		BSE/ CNS	BSE/ CNS	BSE/ CNS	BSE	BSA	BSA
38. Post Dialing DTMF Signaling From Paystations	YES	YES	BSA	CNS	YES	CNS	BSA
39. Selected Number Reverse Billing Rate Period Specific	BSE	BSE			BSE	BSE	BSE
40. Single Number Access For Multiple Locations		BSE	CNS				BSA
41. Ability To Notify Or Interrupt A Customer	BSE/ CNS	BSE/ CNS	BSE	BSE/ CNS	BSE/ CNS	BSE/ CNS	BSE/ CNS
42. Ability To Return Held Call To Customer							
43. Interconnection For Specialized Terminal Equipment	BSA	BSA	BSA	BSA	BSA	BSA	BSA
44. Provision For Sharing An ESP Client Among ESPs							
45. Custom Service Areas	BSA	BSE	BSE	BSA	BSA		BSE
46. Statistical Multiplexer at Central Office	BSA	BSA/ BSE			BSA	BSA	BSA
47. X.25 Interface To Packet Switch	BSA	BSA	BSA	BSA	BSA	BSA	BSA
48. X.75 Interface To Packet Switch	BSA	BSA	BSA	BSA	BSA	BSA	BSA
49. Access To Data Services	CNS	CNS/ BSE	CNS	BSE/ CNS	CNS/ BSE	CNS	CNS
50. B-Channel Switched and Dedicated Access							
51. D-Channel Data Delivered on B-Channel							
52. Multiple D-Channels on B-Channel							
53. ESP Access to D-Channel Signaling							
54. Feature Node Service Interface (FN/SI)							

ESP REQUEST FOR NETWORK CAPABILITY	AM	BA	BS	NX	PB	SW	Qwest
55. Service Control Point (SCP) Databases							
56. Term Sets and Inband Signaling on Analog Channels	BSA	BSA	BSA	BSA	BSA	BSA	BSA
57. Access to Future Intelligent Functions of ISDN							
58. Compatibility to Existing Terminals	BSA	BSA	BSA	BSA	BSA	BSA	BSA
59. Mapping ANI to User ID (X.75)							
60. Calls Accepted With BOC's DNIC or ESP's DNIC	BSA	BSA			BSA	BSA	BSA
61. Equal Access to Exchange Ntwk Switching and Transmission	BSA	BSA	BSA	BSA	BSA	BSA	BSA
62. Peak Traffic Handling Within Exchange Network							
63. ESP Defined Dynamic Routing	BSE	BSE	BSE/ CNS	BSE	BSE	BSE	BSE
64. Common Channel Signaling Access	BSA			BSA	BSA		BSA
65. Dynamic Allocation of Transmission Capacity			BSE/ CNS				
66. Provision of BOC Network Status Information							
67. Real Time Access To Exchange Network Testing Facilities			BSE/ CNS				
68. Derived Channels That Comply With UL and NFPA	CNS/ BSE	CNS	BSA	CNS	BSE/ CNS		CNS
69. One Way Alarm Transmission	CNS	BSA/ CNS	BSA	BSA	BSA	BSA	CNS
70. Derived Channels Compatible with ISDN							
71. Digital Private Lines (DDS)	BSA	BSA	BSA	BSA	BSA	BSA	BSA
72. Diagnostic Channel on DS0 and Subrate Lines	BSE	BSE	BSE/ CNS	BSE	BSE	BSE	BSE
73. Error Detection / Error Correction	BSA	BSA	BSA	BSA	BSA	BSA	BSA
74. Ability to Detect Breaks in Telco Line Within 60 Seconds	CNS/ BSE	CNS/ BSA		BSA	CNS/ BSE		CNS
75. Broadband Link(s) for Video Transmission	BSA	BSA	BSA	BSA	BSA	BSA	BSA
76. Ability To Reconfigure Networks	BSE	BSE	BSE/ CNS	BSE	BSE	BSE	BSE
77. Route Diversity	BSA/ BSE	BSA	BSE/ CNS	BSE	BSA	BSE	BSE
78. Automatic Protection Switching	BSE	BSE	BSE/ CNS	BSE	BSE	BSE	BSE
79. Private Line Conditioning	BSE	BSE	BSE/ CNS	BSE	BSE	BSE	BSE
80. Multiple Monitors per Loop	BSE/ CNS			CNS	CNS		CNS
81. Clear Access To Data Portion of Derived Channels	BSA	BSA	BSA	BSA	BSA		BSA
82. Distinctive Ringing	CNS	CNS	CNS		CNS	CNS	CNS

ESP REQUEST FOR NETWORK CAPABILITY	AM	BA	BS	NX	PB	SW	Qwest
83. 4-Wire Interconnection/Switching	BSA	BSA		BSA	BSA	BSA	BSA
84. Access to Clear Channel Transmission	BSE/ BSA	BSE	BSA	BSE	BSE	BSE	BSE
85. User Initiated Diagnostics			BSE/ CNS				
86. Pass Through Diagnostics To User			BSE/ CNS				
87. Inband Signaling	BSA	BSA	BSA	BSA	BSA	BSA	BSA
88. Bridging	BSE	BSE	BSE/ CNS	BSE	BSE	BSE	BSE
89. Monthly Detailed Recording		BSE	BSE	BSE/ CNS		AN/ BSE	BSE
90. Auto Disable Of Call Wtng Tone During Dial-Up Data Call	CNS	CNS	CNS	CNS	CNS	CNS	CNS
91. Enable / Disable Network DTMF Signaling							
92. Passive In-Band DTMF Tone Transmission							
93. Extend DTMF Tone Set							
94. Tone to Digital Translation							
95. Multiple Call Forwarding	CNS		CNS	CNS	CNS	CNS	CNS
96. Virtual Dial Tone	BSA	BSA	BSA	BSA	BSA	BSA	BSA
97. Remote Access to User Programmable Functions (Packet)							
98. Remote Speed Call Menu Builder (Packet)							
99. Speed Call Menu Builder (Packet)							
100. Remote Speed Call Menu Access Translator (Packet)							BSE
101. Carrier Selection on Reverse Charge	BSA	BSE	BSA	BSE	BSE		BSA
102. Network Control By Customer From Customer Premises							
103. Real Time Traffic Usage Data			BSE/ CNS				
104. Central Office Announcements	BSE	BSE	BSE	BSE	BSE	BSE	BSE
105. Name & Address of the Calling Party			CNS				
106. Suppression of Audible Click on Call Fwding Interoffice							
107. Billing Number Delivery	BSE	BSE	BSE	BSE	BSE	BSE	BSE
108. Privacy (Classes Of Non-Published Service)							
109. Delivery Of Traveling Class Mark	BSE	BSE	BSE	BSE	BSE	BSE	BSE
110. User Nmbr Assoc. With Calling Nmbr and/or Svc ID Code							

ESP REQUEST FOR NETWORK CAPABILITY	AM	BA	BS	NX	PB	SW	Qwest
111. Warm Line	CNS	CNS	CNS	BSE/ CNS	CNS	CNS	CNS
112. Closed User Group (Packet)	BSE/ CNS	BSE/ CNS	BSE/ CNS	BSE/ CNS	BSE	BSE	BSE
113. Fast Select (Packet)	BSE/ CNS	BSE/ CNS	BSE/ CNS	BSE/ CNS	BSE/ CNS	BSE	BSE
114. Hunt Group (Packet)	BSE	BSE	BSE/ CNS	BSE/ CNS	BSE	BSE	BSE
115. Call Redirection (Packet)	BSE	BSE	BSE/ CNS	BSE/ CNS	BSE	BSE	BSE
116. Direct Call (Packet)	CNS	CNS	CNS/ BSE	BSE/ CNS	CNS	CNS	CNS
117. Programmed Default Call Forwarding							
118. Restriction of Outgoing Calls (Packet)							

AN = ancillary service

Please note – recently, various BOCs have completed, or are in the process of completing, corporate mergers. For Appendix A and Appendix B of BOC ONA Special Report #5, the old company names will continue to be used (for example, Bell Atlantic and NYNEX are listed separately, rather than being combined under the Verizon name; Southwestern Bell and Pacific Bell and Ameritech are listed separately).

ATTACHMENT 3

January 31, 2005

Enclosed please find the Services Descriptions section of the ONA Services User Guide. This updates the services descriptions information that was last released on July 31, 2004.

BellSouth

Qwest Corporation

SBC

Verizon

BELL OPERATING COMPANIES

Service Descriptions
ONA Services User Guide

January 31, 2005

ONA Services

Names, Descriptions, Cross References

FOREWORD

Attached is the Services Descriptions section of the ONA Services User Guide, an update of information that was previously issued on July 31, 2004.

The Services Descriptions section of the ONA Services User Guide represents an agreement on the part of the BOCs for *uniform names and technical descriptions* of the Basic Serving Arrangements (BSAs), Basic Service Elements (BSEs) and Complementary Network Services (CNSs) that relate to the ESP requests included in BOC ONA Special Report Number 1, Issue 2 (October 1987). That Special Report is a compilation of the 118 requests received by all the BOCs during the input process for ESP requests prior to filing of the 2/1/88 ONA Plans. Some items, marked with an asterisk (*) in their titles, have been deleted after the last issue of the report based on the availability of updated information indicating that they cannot be offered. For each service listed, a table is provided that gives an indication of which BOCs plan to offer the service, the individual BOC's product name, and whether the BOC classifies the service as a BSA, BSE or CNS.

The BSAs, which respond to the 118 ESP requests for ONA services, are listed in the following four categories of Basic Serving Arrangements:

- Circuit Switched Serving Arrangements

A circuit switched basic serving arrangement (BSA) provides an enhanced service provider (ESP) with a connection to the circuit switched network.

- Packet Switched Serving Arrangements

A packet switched BSA provides an ESP with a connection to the packet switched network.

- Dedicated Serving Arrangements

A dedicated BSA provides an ESP with a dedicated point-to-point connection through the network.

- Dedicated Network Access Link Serving Arrangements

A dedicated network access link (DNAL) BSA provides a dedicated data channel between the ESP's termination and a designated central office which contains the specific features required by the ESP. The DNAL is used to transmit control information from the ESP to the network or to deliver information from the network to the ESP.

Following the BSAs are the BSEs and CNSs, which are listed in alphabetical order in the above four BSA categories. These BSEs and CNSs respond to the 118 ESP requests for ONA services that were made to all BOCs. A description of each BSE or CNS is provided, which includes a brief technical description and a table listing the product name for each company that offers the service.

Appendix 1 contains a set of descriptions of ONA services that are offered by one or more BOC in response to requests received independent of the 118 ESP requests received by all BOCs. Included is a technical description and a table with the product name for each company that offers the service.

Appendix 2 contains a list of BOC contacts.

Appendix 3 contains the BSA Matrix, a report that shows the relationship between the BSAs and the BSEs included in the ONA Services User Guide. Included is a table showing the generic name for each BSA, and the specific name used by each company offering the BSA. Also included is a set of tables, one for each BSA, listing which BSEs are associated with the BSA for each company. These matrices only include generic BSAs and BSEs, and do not include the CNSs or any region specific services.

This report does not supersede any information provided in the BOC ONA plans and amendments. All capabilities described are not available in all switching or transmission systems. Generic descriptions of BSAs do not imply that applicable generic functions and capabilities are available or compatible with all types of BSAs. In addition, generic descriptions are intended for informational purposes and their existence does not imply that specific products and/or services are necessarily tariffed and/or available in any or all state/ federal jurisdictions within a particular company's service area. The BSAs, BSEs and CNSs identified in this report cannot be ordered until appropriate tariffs are effective. Some ONA services may not be tariffed in all areas. The reader should refer to the individual BOC ONA plans and amendments or the BOC contacts listed in Appendix 2 to this report for information on BOC availability and deployment plans for the technical capabilities described in this report.

References to switching system generics that have not yet been released by the vendors are based on our current information about which features are planned for inclusion in those generic releases. If the vendors change the availability of any features for future generic releases that are referenced in this document, the availability of some services may be affected.

Technical references that are publicly available are listed for each service, where available. Ordering information for each of the technical references may be found in the *Telcordia Technologies Catalog of Technical Information* (including ordering information for reference documents published by individual regional companies). To order, call 1-800-521-2673 toll free from anywhere in the USA; call (732) 699-5800 for foreign calls; fax (732) 336-2559.

Recently, various BOCs have completed, or are in the process of completing, corporate mergers. For this document, the old company names will continue to be used (for example, Bell Atlantic and NYNEX are listed separately, rather than being combined under the Verizon name; Southwestern Bell and Pacific Bell and Ameritech are listed separately).

Questions on this report should be directed to the BOC contacts listed in Appendix 2 to this report.

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BSA Descriptions

BSAs have been arranged into four categories:

1. Circuit Switched
2. Packet Switched
3. Dedicated
4. Dedicated Network Access Link

Each category may have several types. Following are descriptions of the BSA categories and the associated BSA types.